



1997 TOXICS RELEASE INVENTORY

NORTH CAROLINA

State/TRI Data

Population	7,430,675
Square Miles	48,718
Total Facilities	848
Total Forms	2,528
Form As	446

National Rank for Total On- and Off-site Releases <i>(includes transfers out-of-state for disposal)</i>	
Rank	12
Pounds	85,066,946
National Rank for Total On-site Releases <i>(includes quantities released at the facility; excludes quantities transferred to other sites for disposal)</i>	
Rank	11
Pounds	77,125,436
National Rank for Total Releases within State <i>(excludes transfers out-of-state for disposal)</i>	
Rank	12
Pounds	81,053,645
National Rank for Production-related Waste Managed	
Rank	9
Pounds	803,903,525



The largest triangle appearing in the state map represents the largest facility for on-site releases in the state of North Carolina. All triangles are proportionally-sized to represent the amounts of releases at each facility within this state.

Reported Releases and Waste Management Activities

	Pounds
On-site Releases	77,125,436
Air Emissions	52,057,024
Surface Water Discharges	6,460,436
Underground Injection Class I Wells	29,100
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	40,230
Other On-site Land Releases	18,538,646
Off-site Releases (Transfers Off-site to Disposal)	7,941,510
Total On- and Off-site Releases	85,066,946
Recycled On-site	448,336,582
Recycled Off-site	87,204,537
Energy Recovery On-site	27,818,415
Energy Recovery Off-site	14,017,992
Treated On-site	135,606,112
Treated Off-site	6,261,666
Quantity Released On- and Off-site	84,658,221
<i>(excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions)</i>	
Total Production-related Waste Managed	803,903,525
Total Non-production-related Waste Managed	77,401

Top Five Chemicals for Total Releases In State

CAS Number	Chemical	On-site Releases						Off-site Releases (Transfers Off-site to Disposal)			Total Releases in the State*
		<u>Underground Injection</u>				<u>On-site Releases to Land</u>		Transferred Into State	Transferred Within State	Transferred Out of State	
		Air Emissions	Surface Water Discharges	Class I Wells	Class II-V Wells	RCRA Subtitle C Landfills	Other On-site Land Releases				
		Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
67-56-1	Methanol	11,008,403	184,251	0	0	0	8,563	24	75,706	3,312	11,276,947
	Chromium compounds	7,787	1,673	0	0	6,078	9,101,353	16,681	43,197	26,653	9,176,769
7664-38-2	Phosphoric acid	33,991	0	0	0	0	8,391,999	0	2,800	5,900	8,428,790
108-88-3	Toluene	6,410,747	33	0	0	0	5	0	22,110	1,750	6,432,895
7664-41-7	Ammonia	5,891,343	150,268	0	0	0	46,000	574	25,696	2,236	6,113,881

*The chemical ranking is based on the amounts in this column; these quantities exclude transfers out of state.



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Top Five Facilities for Total On-site Releases

Facility / City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection			On-site Releases to Land				Transferred Within State	Transferred Out of State
	Air Emissions	Surface Water Discharges	Class I Wells	Class II-V Wells	RCRA Subtitle C Landfills	Other On-site Land Releases			
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
PCS Phosphate Co. Inc., Aurora, Beaufort	4,052,573	0	0	0	0	8,391,999	12,444,572	0	0
Occidental Chemical Corp., Castle Hayne, New Hanover	6,268	30	0	0	0	9,100,000	9,106,298	0	14,000
Smithfield Packing Co. Inc., Tar Heel, Bladen	9,162	3,683,194	0	0	0	0	3,692,356	0	0
International Paper, Riegelwood, Columbus	3,014,179	194,191	29,100	0	0	370,900	3,608,370	0	0
Champion Intl.Corp., Canton, Haywood	2,799,026	76,743	0	0	0	0	2,875,769	137,206	0

*The facility ranking is based on the amounts in this column.

Top Five Facilities for Total Quantity Released On-site and Off-site

Facility / City, County	Recycled On-site	Recycled Off-site	Energy Recovery On-site	Energy Recovery Off-site	Treated On-site	Treated Off-site	Quantity Released On- and Off-site*	Total Production-related Waste Managed	Total Non-Production-related Waste Managed
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
PCS Phosphate Co. Inc., Aurora, Beaufort	200,855,000	0	0	0	0	0	12,444,573	213,299,573	0
Occidental Chemical Corp., Castle Hayne, New Hanover	0	0	0	0	0	0	9,100,000	9,100,000	7,800
Ameristeel Corp., Charlotte, Mecklenburg	0	0	0	0	0	26,675	3,723,401	3,750,076	0
Smithfield Packing Co., Inc., Tar Heel, Bladen	0	0	0	0	282,725	0	3,692,336	3,975,061	20
International Paper, Riegelwood, Columbus	0	0	3,954,260	0	15,747,291	0	3,609,510	23,311,061	163

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

For More Information...

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